



Partner API Technical Guide

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INTRODUCTION

TextByChoice has developed an api interface for its partners to programmatically access its functionality. The service has been created using the REST specification.

SEND MESSAGE ENDPOINT

URL – <https://tbc.fyi/api/Messages>

Header – TBC will provide these values

TextByChoice-Api-Key

TextByChoice-Api-UserAccountPhone

TextByChoice-Api-ClientID

Additional Header Parameter

Content-type: application/json

Body

MemberPhone – 10 or 11 digit phone number

Message – message you want to send to the recipient

(OPTIONAL) ResourceURL – url of an image (jpeg/png/gif)

Usage –

you may use postman to see the code snippet for additional language support

```
curl --location --request POST 'https://tbc.fyi/api/messages' \  
--header 'TextByChoice-Api-Key: xxxxxxxxxxxxxxxxxxxx' \  
--header 'TextByChoice-Api-UserAccountPhone: xxxxxxxxx' \  
--header 'TextByChoice-Api-ClientID: xxx' \  
--header 'Content-Type: application/json' \  
--header 'Cookie: ARRAffinity=72736ca9c6f91f01d32f5776548ff105171e530b4081dcdffcf15f756c555dfe; WAWebSiteSID=58e0ab9361c543acad127fbb4f56bf61' \  
--data-raw '{  
  "MemberPhone": "18885552222",  
  "Message": "some message",  
  "ResourceURL": "(optional)some url where image is hosted"  
}'
```

Success Response

Headers: Status Code = 200 OK

Response

```
{  
  "messageResult": "ok",  
  "requestID": 1768,  
  "methodPointerID": 45678,  
  "segments": 2  
}
```

Description:

messageResult : the send request was successful

requestID : this number represents a log ID for internal purposes

methodPointerID: this number represents a log ID for internal purposes

segments: number of segments this message consisted.

Error Responses

There can be n number of reasons from not sending the proper credentials to just sending bad number to send message altogether. In such cases the returned response can be checked.

Status Code = 400 Bad Request

Responses

1. Invalid Phone Number – not a valid cell number, either the number is malformed or the phone number cannot be validated as a cell number
2. Message cannot exceed 600 characters length – allocated number of characters per message
3. Message quota exceeded – you may have run out of credits to send messages out.

Postman Example

POST ⌵ <https://staging.tbc.fyi/api/messages>

Params Authorization Headers (14) **Body** ● Pre-request Script Tests Se

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL

```

1  {
2    "MemberPhone": "XXXXXXXXXX",
3    "Message": "Hello there",
4    "ResourceURL": "",
5    "ChatAdmin": "SomeAdmin"
6  }

```

Body Cookies (2) Headers (11) Test Results 🌐 200 OK

Pretty Raw Preview Visualize JSON ⌵ ↺

```

1  {
2    "messageResult": "ok",
3    "requestID": 4422,
4    "methodPointerID": 41872,
5    "segments": 1
6  }

```

Webhooks

TextByChoice can configure the following webhooks.

Delivery Confirmation

When a message is delivered, a delivery confirmation webhook can be triggered. Upon providing with the url, TextByChoice will make an attempt to post the contents of the delivery confirmation. Please see the following json that will be posted to the url configured.

```
{
  "RequestId":"502xxx",
  "MessageId":"16692660327693xxxxxxxxxxxxxxxx",
  "FromNumber":"1470xxxxxxx",
  "ToNumber":"1813xxxxxxx",
  "ErrorCode":"000",
  "DateTime":"12/25/2021 7:00:00 PM",
  "State":"message-delivered"
}
```

Definitions

RequestId – This is the common identifier between sending a message and the delivery confirmation. Notice the response when sending a message, a “requestId” is sent back as a response to the request. For every message sent, there will be a delivery confirmation unless carriers choose to not respond with the delivery confirmation. In such cases TextByChoice will not be able to send back such confirmations.

MessageId – A unique identifier for this confirmation

FromNumber – The number where the message was sent from to the recipient

ToNumber – The number of the recipient

ErrorCode – Delivery error code. See the “[common message errors](#)”.

DateTime – Time stamp when the delivery confirmation was received from the carriers (UTC)

State – State of delivery. An error code of “000” means “message delivered”. If any other error code received then see the “[common message errors](#)”.

Incoming Messages

Every incoming message can be routed to the configured url as well. TextByChoice will make an attempt to post the contents of the incoming message. Please see the following json that will be posted to the url configured.

```
{
  "MessageId":"3cb969d8-2f6b-4335-8c73-xxxxxxxxxx",
  "FromNumber":"1813xxxxxxxx",
  "ToNumber":"1470xxxxxxxx",
  "Content":"incoming text test",
  "MessageType":1,
  "MediaList":[],
  "DateTime":"06/05/2021 12:00:34 PM ",
  "SegmentCount":1
}
```

Definitions

MessageId – A unique identifier for this message.

FromNumber – The number message originated from.

ToNumber – The number message was sent to. This is your assigned number.

Content – Content of the incoming text message.

MessageType – SMS or MMS. SMS = 1, MMS = 2.

MediaList – (Optional) An array of resources where the resource is located to be downloaded from for any MMS message received. The resource will be available for 48 hours max. Currently supported resources are “jpeg and png”.

DateTime – Time stamp when the message was received. (UTC)

SegmentCount – A set of gsm based characters of 160 or less is considered 1 segment. 1 segment of gsm based characters is equal to 1 credit. Any tollfree and mms across all channels incur usage of the credits in your messaging bank. Any non-gsm character set will be divided into the segments of 70 characters each.

Error Codes:

Please refer to this site for the most updated information – <https://textbychoice.com/errorcodes>

Supported MMS file types**

.json	application/json	.mp1	audio/mpeg	.bmp	image/bmp	.avi	video/avi
.ogv	application/ogg	.mp2	audio/mpeg	.dib	image/bmp	.mp4	video/mp4
.oga	application/ogg	.m2a	audio/mpeg	.gif	image/gif	.m4v	video/mp4
.ogx	application/ogg	.mpa	audio/mpeg	.jpg	image/jpeg	.mpg	video/mpeg
.ogg	application/ogg	.m1a	audio/mpeg	.jpeg	image/jpeg	.mpeg	video/mpeg
		.mp3	audio/mpeg	.pjpeg	image/pjpeg	.mlv	video/mpeg
		.oga	audio/ogg	.png	image/png	.mpv	video/mpeg
.pdf	application/pdf	.flac	audio/flac	.svg	image/svg+xml	.ogv	video/ogg
.rtf	application/rtf	.webm	audio/webm	.tiff	image/tiff	.ogx	video/ogg
.zip	application/zip	.wav	audio/wav	.tif	image/tiff	.ogg	video/ogg
.tar	application/x-tar	.amr	audio/amr	.webp	image/webp	.spx	video/ogg
.xml	application/xml	.3ga	audio/amr	.ico	image/x-icon	.ogm	video/ogg
.gz	application/gzip	.3gp	audio/3gpp			.mov	video/quicktime
		.m4a	audio/mp4			.qt	video/quicktime
		.m4p	audio/mp4			.webm	video/webm
		.m4b	audio/mp4			.wmv	video/x-ms-wmv
		.m4r	audio/mp4			.flv	video/x-flv
.bz2	application/x-bzip2			.css	text/css		
.gz	application/x-gzip			.csv	text/csv		
.smil	application/smil			.ics	text/calendar		
.js	application/javascript			.txt	text/plain		
				.js	text/javascript		
				.vcf	text/vcard		
				.vcard	text/vcard		
				.wap	text/vnd.wap.wml		
				.xml	text/xml		

**Currently ONLY jpg, jpeg, gif, png, pdf, vcf are supported.